

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Hurricane Sandy - Polrep/Sitrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region II

Subject: SITREP #35
Operations Continue
Hurricane Sandy

Edison, NJ
Latitude: 40.4494047 Longitude: -74.4379073

To: Michael Hoppe, USEPA Region 02, ERRD-RPB

Thru: REOC Regional Incident Coordinator
Eric Mosher

From: REOC Deputy Regional Incident Coordinators,
Christopher Jimenez (NJ)
Kelly Lucarino (NJ)
Bonnie Hriczko (NY)
Neil Norrell (NY)

Date: 12/1/2012

Reporting Period: 0700 hrs 12/1/12 thru 1900 hrs 12/1/12

Executive Summary

Executive Summary

Hurricane Sandy operations continued in New Jersey with teams deployed to Ocean and Monmouth Counties. At the Lakewood pad, a team continued waste characterization sampling and prepared staged materials for transportation and disposal.

Cleaning operations continued at PVSC and MCUA, two large wastewater treatment plants, in NJ. Due to intermittent equipment failure at MCUA, pumps discharged minor amounts of sewage to the Washington Canal.

In New York, operations continued in three NYC Boroughs and Long Island. Curbside collection crews recovered HHW and orphaned containers throughout Staten Island, Coney Island, Breezy Point, the Rockaways, and additional areas. Boat operations along Jamaica Bay continued to retrieve materials trapped in debris lines generated from the storm surge.

At Fresh Kills staging area, materials brought in by curbside collection crews continued, however no materials were transported for disposal. At Riis Park, the completion date for Right of Way pick up is December 31, 2012. City sanitation now collects curbside debris the day before regularly scheduled garbage pickups. EPA is preparing for the expansion of the HHW and orphaned containers staging pad.

At Floyd Bennett Field, the current decision is to not conduct any more test burns. Chipping operations have ceased, while the ACE continues to research chip shipping options to reuse companies. Transportation of wood chips out of the area is scheduled to occur in the next few operational periods.

Operations at the Babylon collection pad continued in Suffolk County. In Nassau County, EPA continued with the management of wastes at the Nickerson Beach staging area.

The total number of containers of hazardous materials collected in NY and NJ to date is 91,866.

1. Introduction

1.1 Background

| | |
|---|--|
| Site Number: | Contract Number: |
| D.O. Number: | Action Memo Date: |
| Response Authority: Stafford Act | Response Type: Emergency |
| Response Lead: FEMA | Incident Category: Removal Action |
| NPL Status: Non NPL | Operable Unit: |
| Mobilization Date: 10/29/2012 | Start Date: 10/29/2012 |
| Demob Date: | Completion Date: |
| CERCLIS ID: | RCRIS ID: |
| ERNS No.: | State Notification: |

1.1.1 Incident Category

Hurricane Disaster Response

1.1.2 Site Description

1.1.2.1 Location

Ten counties were originally declared eligible for Public Assistance in New Jersey: Atlantic, Cape May, Essex, Hudson, Middlesex, Monmouth, Ocean, Somerset, Bergen, and Union. On November 5, 2012 FEMA declared the remaining New Jersey counties eligible for public assistance: Cumberland, Salem, Gloucester, Camden, Burlington, Mercer, Hunterdon, Warren, Morris, Sussex, and Passaic.

Nine counties have been declared as eligible for Public Assistance in New York State: Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland,

Westchester, and Suffolk. On November 14, 2012 FEMA declared an additional 4 counties eligible for Individual and Public Assistance: Orange, Putnam, Sullivan, and Ulster.

1.1.2.2 Description of Threat

Releases of oil and chemicals as a direct result of high winds and flooding. Damage to facilities located within the impacted area have the potential to transport containers, waste, and process equipment that may contain hazardous materials. High winds from hurricane Sandy have caused transformer poles to fall and substations to catch fire and cause additional hazards throughout communities. Storm surges along the coast line and inner waterways have moved sand, sediments, and sludge into residential and business properties. Several coastal communities have reported widespread devastation.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Preliminary Removal Assessments and Site Inspections were not formally conducted at all EPA sites. Project managers took numerous steps at Superfund Sites in efforts to prepare for Hurricane Sandy. Damage assessments at Removal and Remedial Sites were conducted by RPMs, OSCs, and other agency personnel. Any issues at sites as a result of Hurricane Sandy have been resolved.

1.2 Incident Objectives

Incident Objectives

- 1) The health and safety of our responders is the highest priority.
- 2) Ensure health and safety of the public by conducting environmental assessments, controlling hazards, and operating in accordance with the approved site safety and quality assurance sampling plans.
- 3) Assess needs and support the sustained operation of public drinking water facilities impacted by the storm. This is the agency's current operational priority. Assess needs and support the sustained operation of waste water facilities impacted by the storm.
- 4) Conduct aggressive air, ground and water recon and investigation activities to identify active and potential pollution targets, as well as confirm extent of hurricane damage to oil and chemical facilities and critical infrastructure.
- 5) Rapidly control, contain and mitigate all sources of pollution threatening or impacting public health and the environment, to include the navigable waterways. Coordinate actions with the States.
- 6) Manage a coordinated response effort with local, state, federal and industry partners and ensure adherence to policies, practices and plans of each. Assure that all stakeholders are informed of response activities and enhance proactive media and community outreach programs.
- 7) Manage a financial system that ensures accurate, efficient and effective accounting of resources continually monitor ESF #10 funds and adjust operations as needed.
- 8) Pursue and deploy any resources needed to support and sustain agency missions.

1.3 Critical Resource Needs

Critical Resource Needs

Critical Needs to maintain operational status and projected operational goals are being coordinated through the Resource Unit Leader. EPA is working closely with local, state, and federal partners to coordinate critical needs of facilities that have been impacted. Liaison Officers in the FEMA JFOs continue to coordinate with other ESF partners on addressing needs.

1.4 Strategic Considerations

Strategic Considerations

- 1) Develop work products, deliver necessary briefings, and arrange field oversight to ensure the health and safety of responders.
- 2) Ensure staffing adjustments meet current operational needs.
- 3) Provide direct work and/or technical support to collect HHW.
- 4) Provide technical assistance to local and State governments on debris removal, including options to maximize recycling and composting.
- 5) Coordinate efforts with States to identify needs and resolve issues.
- 6) The PVSC and MUCA waste water facility responses are a high priority.
- 7) Assure timely and accurate data management to enhance the operational function of the ESF #10 response effort with a high emphasis on drinking water and waste water reporting.
- 8) Accurately document ESF #10 response actions and ensure it is captured in appropriate official repositories.
- 9) Support the regional and national public affairs needs to provide effective messaging.

2. Current Activities

2.1 Operations Section

DIVISION NEW JERSEY

Eight counties were initially declared eligible for Public Assistance in New Jersey. Two additional counties, Cumberland and Hudson, were added on November 3, 2012. On November 5, 2012, FEMA declared all remaining New Jersey counties eligible for Public Assistance.

NEW JERSEY RESPONSE ACTIONS

Field operations were focused on providing continued support by the Waste Water Assessment Teams to two large waste water treatment facilities in Middlesex and Essex Counties and Mitigation Support efforts in Ocean and Middlesex Counties. Hazmat water assessment activities were inactive for the current operational period.

Wastewater Facilities (NJ)

Passaic Valley Sewerage Commission (PVSC)

PVSC continues to work on the repair and/or replacement of equipment and electrical systems throughout the facility, and is making significant progress towards restoration of the facility's pre-storm removal efficiencies. On November 29, 2012, PVSC's effluent TSS removal efficiency was 87%; combined with the preceding TSS averages since November 23, 2012, PVSC has met its TSS weekly average compliance limit. PVSC's weekly TSS compliance limit is an average of 45 mg/L, and PVSC has achieved a 7-day average of 21 mg/L and 87% percent removal.

Synagro continues to operate the ten mobile dewatering centrifuges. However, PVSC's continuing ability to increase their permanent dewatering capabilities may enable PVSC to scale back Synagro's operation during the coming weeks.

USEPA's ERRS contractors continue power-washing operations at the facility. These activities are being conducted in coordination with PVSC to augment PVSC's cleanout of the impacted tunnels and basements as a means of re-energizing pumps, motors, and electrical systems. ERRS will continue power-washing operations in coordination with PVSC personnel until December 14, 2012.

The OSC continues to provide assistance to PVSC in responding to a PVSC employee's concerns regarding potential health concerns resulting from flood related damage (i.e., mold, pathogens, H₂S, etc.).

Middlesex County Utility Authority (MCUA)

USEPA continued steam-washing activities at the Sayreville Relief Pump Station (SRPS). The cleaning crew is utilizing scissor lifts to reach the higher elevations of the bottom room of the SRPS. It is anticipated that the SRPS cleaning will be completed by approximately December 8, 2012.

Pumping Status:

MCUA continues to take all measures to minimize pumping to the Washington Canal. Despite all best efforts, two pumps discharged to the Canal between 1550 EST on November 30, 2012 and 0145 EST on December 1, 2012. One pump discharged for approximately 9.5 hours; one pump discharged for approximately 6.5 hours.

Pump Station Repair Status:

The repair schedule is still being refined; however, it is still anticipated that the first Sayreville station pump will be installed in the Original Sayreville Pump Station (OSPS) by December 7, 2012. That pump will provide a more permanent 40 MGD flow capacity in the system.

Mitigation Team (NJ)

Two mitigation teams were deployed to Ocean and Monmouth counties. A summary of their support activities is included below by individual team.

In Monmouth County, an EPA assessment team conducted orphaned container recovery along the coastline in Sea Bright, Rumson, Belford, Atlantic Highlands, and Aberdeen. Five additional items were approved for collection in Aberdeen, Keyport, and Highlands.

A second team traveled to the Lakewood Pad. The team observed and documented items recovered in Monmouth County and from the Edison Pad. EPA is currently contacting owners of recovered material identifiable by information on the drums to schedule pickup and removal from the pad. In the current operational period, no material was reclaimed by owners. The team completed the sampling of all staged drums for waste characterization and consolidation; and has begun preparing for transportation and disposal of the materials.

| New Jersey Hazardous Waste Summary * | | | | | | Operational Period: 12/01/2012 | | |
|---------------------------------------|------------|---------------|-----------|-----------------------|---------------|--------------------------------|------------------|----------------------------|
| Location | Drums | Propane Tanks | Cylinders | Containers (6-54 Gal) | Other (Large) | Small Containers (<5 gal) | Op-Period Totals | Location Cumulative Totals |
| Edison Staging Area | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 |
| Lakewood Staging Area | 8 | 0 | 0 | 0 | 2 | 0 | 0 | 230 |
| Vineland Container Storage Facility** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| Daily Total | 0 | | | | | | | |
| Cumulative Total | 310 | | | | | | | |

* All Counts Based on Initial Intake Locations. ** Staging areas are no longer collecting/managing HHW.

NEW YORK RESPONSE ACTIONS

New York City

Assessment Teams (NY)

EPA assessment teams conducted reconnaissance and recovery in Newtown Creek and Staten Island Marsh. Recovery teams continued HHW and orphaned container collection activities in storm affected areas in Breezy Point, Rockaways; Coney Island and Sea Gate area of Brooklyn; and Staten Island.

NYC Debris Management Plan

At Floyd Bennett Field, the current decision is to not conduct any more test burns. However, this may alter following the results and review of the environmental report submitted by EPA regarding the test burn. Chipping operations have ceased while the ACE continues to research shipping options to reuse companies. ACE has approximately 70,000 cubic yards of vegetative debris and is requesting to burn this material. A decision will be made in the next operational periods.

At Riis Park, all staged debris has been removed and there is no handling of debris as it comes in. The completion date for Right of Way pick up is scheduled for December 31, 2012. The City sanitation department now collects curbside debris the day before regularly scheduled pick up.

Approximately 2400 vehicles have been removed from impacted areas and sent to temporary storage areas. Approximately 200 boats have been staged for pickup, however operations have not begun.

The ACE is gearing up for the Private Property Debris Removal (PPDR) phase of operations in high impacted areas. There are discussions about having an EPA representative on site with demolition/debris removal team

Jacob Riis Park (Queens)

The Jacob Riis Park staging area continued to receive HHW from curbside pickup crews. USEPA recovery teams continued HHW curbside collection activities in storm affected areas east of Riis Park (Rockaway to Far Rockaway) and western and southwestern parts of Nassau County. The Riis Park pad is planning for the disposal of accumulated HHW from the staging area.

Planning for the construction of the HHW receiving pad at the NPS location in Riis Park continued. This would be an expansion of the staging area currently occupied in the Riis Park parking lot. In the current operational period, USEPA met with the ECC field coordinator to discuss the planned expansion of the USEPA Riis Park Pad.

Safety and Finance personnel visited the Riis Park Pad site. A reporter from the Gotham Gazette visited the Site this afternoon while the EPA personnel were off-site.

Fresh Kills Landfill (Staten Island)

HHW and orphaned container staging, categorization, sampling, and packaging for off-site disposal at Fresh Kills continued today. EPA recovery teams continued to conduct curbside pickup and orphaned container collection on Staten Island for segregation and packaging at Fresh Kills HHW Area #2.

Nassau County

EPA continued to work with NYSDEC and local officials in responding to reports of orphaned containers primarily along the waterfront in Long Beach. EPA recovery teams continued HHW curbside pickup and orphaned container collection activities in the storm affected areas of Atlantic Beach. All HHW collected is being logged at the staging pad in Nickerson Beach. Curbside collection of HHW and orphaned containers will be suspended as of close of business during this operational period; however bulking, packaging, and disposal of materials will continue.

Suffolk County

EPA recovery teams continued to utilize a staging pad in Babylon for HHW curbside collection and drop off. Previously utilized staging pads in Riverhead, Islip, and Patchogue are now closed; however, HHW and orphaned container collection will continue periodically in those areas with recovered material being transferred to the Babylon pad. It is anticipated that operations at the Babylon pad will be suspended by close of business December 14, 2012.

| New York Hazardous Waste Summary * | | | | | | | | |
|--|--------------|------------------|-----------|--------------------------|------------------|---------------------------------|---------------------|----------------------------------|
| Operational Period: 12/01/2012 | | | | | | | | |
| Location | Drums | Propane Tanks | Cylinders | Containers (6-54 Gal) | Other (Large) | Small Containers (<5 gal) | Op-Period Totals | Location Cumulative Totals |
| Cedar Grove Staging Area** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 284 |
| Fr. Capadano Park, Staten Island | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7499 |
| Fresh Kills Landfill Plant #1** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 361 |
| Fresh Kills Landfill Plant #2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3174 |
| Islip Multipurpose Recycling Facility | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 740 |
| Jacob Riis Park, Queens, NY | 0 | 64 | 10 | 0 | 2 | 1187 | 1263 | 18588 |
| Nickerson Park | 1 | 0 | 2 | 0 | 0 | 140 | 143 | 43049 |
| Old Bethpage Landfill and Recycling Center** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5538 |
| Patchogue WWTP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 565 |
| Patchogue WWTP (Mastic Beach) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 968 |
| Riverhead Collection Area | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130 |
| Port of Coeymans** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 101 |
| Venetian Shores Park | 2 | 4 | 0 | 0 | 1 | 202 | 209 | 10559 |
| Daily Total | 1615 | | | | | | | |
| Cumulative Total | 91556 | | | | | | | |

| Cumulative Hazardous Waste Summary * | | | | | | | | |
|--------------------------------------|-------|------------------|-----------|--------------------------|------------------|---------------------------------|---------------------|---------------------|
| Operational Period: 12/01/2012 | | | | | | | | |
| Location | Drums | Propane Tanks | Cylinders | Containers (6-54 Gal) | Other (Large) | Small Containers (<5 gal) | Op-Period Totals | State Cumulative |
| New York | 3 | 68 | 12 | 0 | 3 | 1529 | 1615 | 91556 |
| New Jersey | 8 | 0 | 0 | 0 | 2 | 0 | 10 | 310 |
| Op-Period Totals | 11 | 68 | 12 | 0 | 5 | 1529 | 1625 | |
| Cumulative Totals | 454 | 2027 | 1280 | 462 | 144 | 87499 | | |
| Daily Total | 1625 | | | | | | | |
| Grand Cumulative | 91866 | | | | | | | |

* All Counts Based on Initial Intake Locations. ** Staging areas are no longer collecting/managing HHW.

REGULATED FACILITIES

EPA has completed assessments of facilities regulated under SPCC, FRP, and RMP programs. Several facilities were found to be impacted by Hurricane Sandy and have been reported previously, such as Motiva, Phillips 66 Bayway, Alden Leeds, and Kinder Morgan Carteret. These facilities are currently being addressed by state and/or federal partners and need no additional EPA assistance at this time. No other facilities were found to be impacted needing EPA assistance. No further reporting of SPCC, FRP, and RMP facilities will be done unless significant operations or actions by EPA are required or requested.

RCRA Corrective Action Group has completed inspections of all identified facilities within NY State. Any issues or violations are being addressed through normal regional operations unless specified elsewhere in the SitRep. Facility inspections in NJ have been suspended until further notice.

During this operational period, DECA had no inspections or assessments to report.

2.2 Planning Section

PLANNING

The Planning Section continues to organize operational status reports, plan for the next operational period, and assist with needs in support of operations. The utilization of FlexViewer continues to grow as more regulatory programs commence and continue assessments. EPA personnel working in various regional offices are able to view data, generate maps, and become aware of the Common Operating Picture. ASPECT imagery has been uploaded and is being used to determine additional areas of assessment for drinking water facilities, wastewater facilities, HHW reconnaissance points, orphaned container recovery efforts, location of EOCs, potential staging areas, etc. This imagery will also be used when assessments to determine changes of the NJ and NY coast lines commence.

The Environmental Unit

The EU was not staffed on Saturday, December 1, 2012.

2.3 Logistics Section

Logistics

Logistics has been maintaining lodging tracking and updating the lodging tracking sheet accordingly. Logistics has been working with Resources concerning future mobilizations.

2.4 Finance Section

FINANCE

EPA continues to track costs and monitor funding levels against FEMA Mission Assignments. Current Mission Assignments and Estimated Expenditures and Daily Cost Burn as of 12/1/2012 @ 1330 hours:

| Region, State | Agreement #, Current Expiration Date | Initial Agreement Date | Agreement Amount | Costs Incurred To Date | Estimated Burn Rate (\$/day) | Purpose |
|----------------------|--------------------------------------|------------------------|------------------|------------------------|------------------------------|---|
| Region 2, New Jersey | 4086DR-NJ-EPA-01, Expires 12/13/12 | 10/31/2012 | \$400,000.00 | \$349,910.26 | \$10,934.70 | ESF-10 EOC deployment and assessment assistance in NJ |
| Region 2, New Jersey | 4086DR-NJ-EPA-02, Expires 12/10/12 | 11/2/2012 | \$2,000,000.00 | \$285,278.74 | \$9,509.29 | Drinking & Wastewater Assistance |
| Region 2, New Jersey | 4086DR-NJ-EPA-03, Expires 12/10/12 | 11/4/2012 | \$1,675,000.00 | \$329,823.07 | \$11,373.21 | Technical Assistance for Environmental Assessments |
| Region 2, New Jersey | 4086DR-NJ-EPA-04, Expires 03/02/13 | 11/3/2012 | \$3,500,000.00 | \$1,087,815.65 | \$37,510.88 | Direct Federal Assistance for oil/hazmat field ops |
| Region 2, New Jersey | 4086DR-NJ-EPA-05, Expires 12/08/12 | 11/08/2012 | \$1,275,000.00 | \$830,384.31 | \$36,103.67 | REOC |
| | | | | | | |
| Region 2, New York | 4085DR-NY-EPA-02, Expires 12/30/12 | 11/04/2012 | \$2,400,000.00 | \$1,561,077.72 | \$48,783.68 | ESF-10 EOC deployment and assessment assistance in NY |
| Region 2, New York | 4085DR-NY-EPA-01, Expires 12/01/12 | 11/2/2012 | \$300,000.00 | \$39,935.75 | \$1,331.19 | Drinking & Wastewater Assistance |
| Region 2, New York | 4085DR-NY-EPA-04, Expires 12/04/12 | 11/7/2012 | \$3,100,000.00 | \$485,818.87 | \$17,993.29 | Technical Assistance for Environmental Assessments |
| Region 2, New York | 4085DR-NY-EPA-03, Expires 12/01/12 | 11/7/2012 | \$7,600,000.00 | \$3,194,112.74 | \$110,141.82 | Direct Federal Assistance for oil/hazmat field ops |
| Region 2, New York | 4085DR-NY-EPA-05, Expires 12/05/12 | 11/09/12 | \$75,000.00 | \$3,569.00 | \$162.23 | Dewatering Ops |
| TOTALS | | | \$22,330,000.00 | \$8,185,333.19 | \$233,866.66 | |

2.5 Other Command Staff

2.5.1 Safety Officer

Safety visited the Jacob Riis Park, NY, HHW pad. Safety observed the HHW collection operations in Breezy Point, NY. Safety visited the Nickerson HHW collection pad in Lido Beach, NY. Safety accompanied HHW field collection activities in Nassau County, NY.

2.5.2 Liaison Officer

EPA is continuing to monitor the progress of the outstanding Mission Assignments with FEMA. This included the attendance of associated meetings as deemed appropriate. During the next operational period, EPA will continue to staff the ESF-10 desk at the NYS/FEMA EOC.

2.5.3 Information Officer

The PIO is David Kluesner and can be reached at (347) 330-9439. The Information Office continues to work on a fact sheet for dealing with oil contamination on homes and lawns. This fact sheet is with the HQ EOC for review. According to FEMA's Liaison PIO to FEMA Operations, FEMA is preparing a fact sheet on cleaning oil inside homes. The Information Office will coordinate with FEMA on residential oil contamination messaging. The Information Office submitted Passaic River and Ironbound residential sample data and their narratives to the HQ EOC for review, approval and posting as early as December 3. The Information Office scheduled a conference call for December 3 with the Ironbound Community Corporation to discuss the results of the sampling and the outcome of the facilities assessments in the Ironbound. The Information Office is in receipt of a letter from Representative Nydia Velazquez to President Obama that requests formation of a public health and environmental task force, which would include EPA, CDC and a number of public health and environmental agencies, to look at the environmental and public health impacts caused by the storm. The Information Office closed out media inquiries from CNN and the Long Beach Herald and continues to coordinate responses to inquiries from USA Today (debris management) and Storm Water Magazine (storm water/sewage). The air curtain test burn table, maps and narrative have all been posted to www.epa.gov/sandy. The information office is coordinating with HQ EOC on an Op-Ed about the Agency's flood response efforts.

3. Participating Entities

3.1 Unified Command

As of close of business November 28, 2012, EPA is no longer participating in the established Unified Command with the United States Coast Guard Sector New York. Should future requests require EPA support, EPA resources will be made readily available.

3.2 Cooperating Agencies

EPA is coordinating with a host of agencies on numerous efforts to assess, respond, recover, and mitigate environmental threats caused by Hurricane Sandy. Federal partners include FEMA, Army Corp. of Engineers, USCG, NOAA, and others. State agencies that EPA is coordinating efforts with include Departments of Health, Transportation, Sanitation, Parks, NYSDEC, NJDEP, Emergency Management, and others. County and local officials are also integrated in decision making and tactical assessments of situations.

4. Personnel On Site

Personnel on Site:

| Region/State | Current EPA Personnel In Field (All Venues other than EPA Offices) | Current EPA Contractor Personnel In Field | EPA Personnel in REOC | Contractor Personnel in REOC | Total |
|--------------|---|---|-----------------------|------------------------------|-------|
| Region 2 | | | 37 | 32 | 69 |
| New York | 20 | 113 | | | 133 |
| New Jersey | 5 | 30 | | | 35 |
| Total | 25 | 143 | 37 | 32 | 237 |

Number of EPA Personnel Deployed to Region 2 – Hurricane Sandy (12/01/12)

| | OSCs | RMs | PIOs | Water Specialists | GIS Specialists | RPMS | CICs | Other (field capable) | Other (not field capable) | Total by Region |
|--------------------|------|-----|------|-------------------|-----------------|------|------|-----------------------|---------------------------|-----------------|
| Region 1 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 7 |
| Region 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 |
| Region 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Region 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Region 6 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 5 |
| Region 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Region 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Region 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 1 |
| Region 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HQ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| ERT | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 1 | 4 |
| RTP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Total by job title | 20 | 1 | 1 | 1 | 1 | 0 | 0 | 6 | 2 | 32 |

5. Definition of Terms

Definition of Terms

Assisting and Cooperating Agencies - Agencies who are assisting the EPA response, but are not a part of Unified Command.

E Goods - Electronic machines which contain hazardous components. Emergency Response - any activity undertaken by the Operations Section which mitigated an immediate threat to human health or the environment.

FRP - Facility Response Plan. Under the Clean Water Act, as amended by the Oil Pollution Act, a plan for responding, to the maximum extent practicable, to a worst case discharge, and to a substantial threat of such a discharge, of oil. Required by certain facilities that store and use large quantities of oil.

Household Hazardous Waste - Small quantity waste from households that contain corrosive, toxic, ignitable, or reactive ingredients is hazardous. This includes pesticides, paint, solvents, etc.

Hazardous Debris - Debris which contains compounds that make it inappropriate for municipal landfill disposal

Monitoring - Using equipment which will give limited real-time information about constituents in environmental media. This method is used most often for air and water testing.

RCRA - Resource Conservation and Recovery Act.

RMP- Risk Management Plan. Under the Clean Air Act, certain facilities with large quantities of toxic potentially air born chemicals whose releases may impact human

populations are required to submit to EPA a plan for hazard assessment, prevention, and emergency response.

Sampling -The process of taking environmental media for analysis at a laboratory of its constituents. These tests may require multiple days to complete, but test for a wider array of constituents than monitors.

Small Container - any container with a potential capacity of less than 5 gallons.

TRI - Toxic Release Inventory - A publicly available EPA database that contains information on toxic chemical releases and other waste management activities reported annually by certain covered industry groups as well as federal facilities. This inventory was established under the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) and expanded by the Pollution Prevention Act of 1990.

Unified Command - A structure based on the Incident Command System (ICS) that brings together the Incident Commanders of all major organizations involved in the incident in order to coordinate an effective response, while at the same time allowing each to carry out their own jurisdictional, legal, and functional responsibilities.

White Goods - Large home electronics such as refrigerators, washing machines, and dryers.

WW - Wastewater Treatment Facilities

6. Additional sources of information

It is believed that all community drinking water and wastewater treatment system assessments have been completed. Therefore, these data will no longer be reported.

ADDITIONAL INFORMATION:

WEBSITE: <http://www.epaosc.org/HurricaneSandy>

INSTRUCTIONS FOR EPAOSC.NET:

If you do not have a password or have never used the EPAOSC.net website before, you will need to click the login button on the top right of the web page. Once on the login page, you will need to click on REGISTER HERE, provide the information requested and submit. This submits your request to ERT, and they will generate a user ID and password for you to enter the private side of the Website. In less than 10 minutes after registering, you should receive an e-mail from ERT SUPPORT providing the information (login and password). At this point you can then enter the website: www.epaosc.net, click on log in, then enter your information. Once logged in, click on websites, then click on Region 2. The Hurricane Irene website should be one of the first ten websites that pop up, if not, you can scroll down to find the site. Click on Hurricane Sandy. Once on the site, you can navigate to the documents that will be stored there.

FlexViewer :

WEBSITE: http://www.epa.gov/geospatial/ermaps/Region2_HurricaneSandy/

The EPA Region 2 Common Operating Picture is now available on FlexViewer. This interactive display is constant being updated with various information pertaining to assessments, resource locations, EOC locations, status of remedial/removal sites, water treatment facility locations, and many other. Individuals located within the EPA network may view the display and create their own maps, however the COP located in the Situation Unit adjusts to the needs of the operations.

If you find that you are having trouble viewing the website, please contact the EPA duty officer at (732) 906-6850

EPA Edison REOC

732-906-6850

| | |
|---|--------------|
| Afterhours Notifications, National Response Center (NRC) | 800-424-8802 |
| Deputy Regional Incident Coordinator (DRIC) for NY, Neil Norrell | 908-420-4512 |
| Deputy Regional Incident Coordinator (DRIC) for NY, Bonnie Hriczko | 908-420-4450 |
| Deputy Regional Incident Coordinator (DRIC) for NJ, Christopher Jimenez | 908-420-4484 |
| Deputy Regional Incident Coordinator (DRIC) for NJ, Kelli Lucarino | 908-421-2628 |
| NY JFO (Queens), Michael Solecki, OSC | 908-420-4501 |

NJ JFO (Middletown), Carl Pellegrino, OSC

908-420-4462

REPORTING SCHEDULE

Situation Reports are due out at 2300 hrs at the conclusion of that operational day.

7. Situational Reference Materials

Situation Reports for response activities in New Jersey and New York associated with Hurricane Sandy can be found at www.epaosc.org/HurricaneSandy.